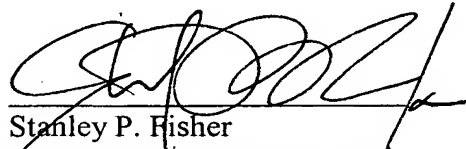


REMARKS

Applicant has amended claim 6 and added new claim 12, amended claim 7 and added new claim 13, and amended claim 8 and added new claim 14. No new matter has been added to the application as a result of this amendment.

In view of the above amendments and Applicant's comments stated herein, Applicant respectfully requests an early and favorable action on the merits.

Respectfully submitted,



Stanley P. Fisher
Registration Number 24,344

JUAN CARLOS A. MARQUEZ
Registration No. 34,072

REED SMITH LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200

March 5, 2002

Marked Up Version of the Claims

6. The data processing system according to claim ~~4-or-5~~, wherein the data processing device performs control in which data acquired in the burst operations for the single or plurality of times is filled in the cache memory according to the first information.
7. The data processing system according to claim ~~4-or-5~~, wherein in cache fill operations, the data processing device generates a synchronization signal synchronous with a delimiter of data acquired from the memory in the burst operations, and the data processing device generates a cache fill address for determining a data order of cache fill in synchronism with the synchronization signal in order to perform write control for the cache memory starting from the address information in a range of a burst length meat by the first information.
8. The data processing system according to claim ~~4-or-5~~, wherein in having access to a memory in a plurality of burst operations in response to a cache mishit, the data processing device controls a burst operation starting from a data location at an address in the cache mishit in a first burst operation, and the data processing device controls a burst operation starting from a top boundary of a data block defined by the burst length in subsequent burst operations.